

Rabbit anti-Human MAPK4 / ERK4 Polyclonal Antibody | anti-MAPK4 / ERK4 antibody

Anti-MAPK4 / ERK4 Antibody (aa1-326) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52639	Rabbit	Human	Western Blot, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

MAPK4 / ERK4; Polyclonal Antibody; Anti-MAPK4 / ERK4 Antibody (aa1-326) IHC-plus; Rabbit Polyclonal (IgG) to Human MAPK4 / ERK4; Human MAPK4 / ERK4; ERK-4; Erk3-related; Erk4; MAP kinase isoform p63; PRKM4; RMNK2; MAP kinase 4; ERK3; MAPK 4; p63-MAPK; p63MAPK; anti-MAPK4 / ERK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human MAPK4 / ERK4
Purity/Purification	Immunoaffinity purified
Form/Format	0.1 M Tris-glycine, pH 7.0, 10% glycerol, 0.01% Thimerosal
Concentration	1 mg/ml (varies by lot)
Sequence Length	587
Applicable Applications for anti-MAPK4 / ERK4 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	MAPK4 / ERK4 antibody was raised against recombinant fragment corresponding to a region within amino acids 1 and 326 of MAPK4 (SwissProt P31152). Percent identity by BLAST analysis: Human (100%); Mouse (95%).
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 1 and 326 of MAPK4 (SwissProt P31152). Percent identity by BLAST analysis: Human (100%); Mouse (95%).
Immunogen Type	Recombinant protein
Antigen Modification	aa1-326
Target Species	Human
Preparation and Storage	Keep as concentrated solution. Aliquot and store at -20 degree C or below. Avoid multiple freeze-thaw cycles.

IMAGES


WB (Western Blot)

Sample (30 ug whole cell lysate). A: H1299. 7.5% SDS PAGE. MAPK4 / ERK4 antibody diluted at 1:1000


ICC (Immunocytochemistry)

Immunofluorescence of paraformaldehyde-fixed HeLa using MAPK4 antibody at 1:200 dilution.



IHC (Immunohistochemistry)

Anti-MAPK4 / ERK4 antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 7.5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK4 / ERK4 antibody	MAPK4 Antibody, ERK-4 Antibody, Erk3-related Antibody, Erk4 Antibody, MAP kinase isoform p63 Antibody, PRKM4 Antibody, RMNK2 Antibody, MAP kinase 4 Antibody, ERK3 Antibody, MAPK 4 Antibody, p63-MAPK Antibody, p63MAPK Antibody Description: Atypical MAPK protein. Phosphorylates microtubule-associated protein 2 (MAP2) and MAPKAPK5. The precise role of the complex formed with MAPKAPK5 is still unclear, but the complex follows a complex set of phosphorylation events: upon interaction with atypical MAPKAPK5, ERK4/MAPK4 is phosphorylated at Ser-186 and then mediates phosphorylation and activation of MAPKAPK5, which in turn phosphorylates ERK4/MAPK4. May promote entry in the cell cycle.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	89276769
NCBI GeneID	5596
NCBI Accession #	NP_002738.2
NCBI GenBank Nucleotide #	NM_002747.3
UniProt Accession #	P31152; Q0VGO4; A1A4C4
Molecular Weight	65,922 Da
NCBI Official Full Name	mitogen-activated protein kinase 4 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 4
NCBI Official Symbol	MAPK4
NCBI Official Synonym Symbols	ERK4; ERK-4; PRKM4; p63MAPK; p63-MAPK
NCBI Protein Information	mitogen-activated protein kinase 4
UniProt Protein Name	Mitogen-activated protein kinase 4
UniProt Gene Name	MAPK4
UniProt Synonym Gene Names	ERK4; PRKM4; MAP kinase 4; MAPK 4; ERK-4; p63-MAPK
UniProt Entry Name	MK04_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mapk4-erk4-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/52639>